

Sub A2
B2
2. (Amended) The method of claim 1, wherein the formulation consists essentially of antigen and ADP-ribosylating exotoxin.

Sub B3
A2
4. (Amended) The method of claim 1 further comprising use of a physical, chemical, electrical, or sonic penetration enhancer to enhance said immune response by penetrating said organism's skin.

20. (Amended) The method of claim 1, wherein the ADP-ribosylating exotoxin activates the Langerhans cell.

21. (Amended) The method of claim 1, wherein the ADP-ribosylating exotoxin enhances antigen presentation to a lymphocyte.

Sub B6
A3
22. (Amended) The method of claim 1, wherein the ADP-ribosylating exotoxin is pertussis toxin or a toxoid derivative thereof.

23. (Amended) The method of claim 22, wherein the ADP-ribosylating exotoxin is cholera toxin (CT) or cholera toxin B subunit (CTB) or a toxoid derivative thereof.

24. (Amended) The method of claim 22, wherein the ADP-ribosylating exotoxin is *E. coli* heat-labile enterotoxin (LT) or a toxoid derivative thereof.

25. (Amended) The method of claim 22, wherein the ADP-ribosylating exotoxin in the formulation is provided as a nucleic acid encoding ADP-ribosylating exotoxin.

Sub A4
B5
30. (Amended) A method of immunization comprising applying a formulation to intact skin of an organism, wherein the formulation consists essentially of one or more ADP-ribosylating exotoxins.

32. (Amended) A method of inducing an immune response comprising:

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- (a) applying a formulation to intact skin of an organism, wherein the formulation comprises an antigen and an ADP-ribosylating exotoxin;
 - (b) activating an antigen presenting cell with the ADP-ribosylating exotoxin; and
 - (c) presenting the antigen on a cell surface of the antigen presenting cell to a lymphocyte, thereby inducing the immune response in the organism.

36. (Amended) A method of inducing an immune response to an antigen comprising:

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- (a) applying a formulation to intact skin of an organism, wherein the formulation comprises (i) a nucleic acid containing a sequence encoding the antigen and (ii) an ADP-ribosylating exotoxin; and
 - (b) inducing the immune response in the organism without perforating the skin, wherein the immune response is specific for the antigen.

37. (Amended) The method of claim 36, wherein the formulation consists essentially of nucleic acid and one or more ADP-ribosylating exotoxins.